

ABSTRACT

An engaging structure for a heat sink, an edgefold (2) is provided on each of the two opposite sides of the heat sink unit, respectively, characterized in that at least one engaging cut having a  shape is formed in a section connecting the 5 respective edgefolds (2) and a base sheet (5) by punching, respectively, after the edgefolds (2) are formed, the recess in the upper portion of the engaging cut functions as an engaging groove (3), while the projection in the lower portion of the engaging cut functions as an engaging projection (4), the engaging groove (3) is disposed at the top of each of the edgefolds 2, the portion of which 10 corresponds to the engaging grooves (3) partially projects, while the engaging projection (4) is disposed in the base sheet 5 at a conjunction position between the root of edgefold (2) and the base sheet (5), and the engaging projection (4) projects outwards, the engaging grooves (3) of the heat sink unit are engaged with the engaging projections (4) of the previous heat sink unit, while the 15 engaging projections (4) of the heat sink unit are engaged with the engaging grooves (3) of the next heat sink unit so that the heat sink units are superposed and engaged with one another in a row. The heat sink units according to the present invention can be engaged rapidly in a row by a progressive die. Compared with the prior art the present invention has following advantages. 1. 20 The heat sink has a simple engaging structure with less number of bending 2. The cost of the die for the heat sink is decreased. 3. Less amount of material is used for the heat sink. 4. The radiator can be conveniently detached. (Fig. 1)